



**OBJECTIVES**

- 9 Housekeeping Practices
- 9 Contain Waste
- 9 Minimize Disturbed Areas
- 9 Stabilize Disturbed Areas
- : Protect Slopes/Channels
- : Control Site Perimeter
- : Control Internal Erosion

**DESCRIPTION:**

A temporary sediment barrier consisting of entrenched filter fabric stretched across and secured to supporting posts.

**APPLICATION:**

- < Perimeter control: place barrier at downgradient limits of disturbance
- < Sediment barrier: place barrier at toe of slope or soil stockpile
- < Protection of existing waterways: place barrier at top of stream bank
- < Inlet protection: place fence surrounding catchbasins

**INSTALLATION/APPLICATION CRITERIA:**

- < Place posts 6 feet apart on center along contour (or use preassembled unit) and drive 2 feet minimum into ground. Excavate an anchor trench immediately upgradient of posts.
- < Secure wire mesh (14 gage min. With 6 inch openings) to upslope side of posts. Attach with heavy duty 1 inch long wire staples, tie wires or hog rings.
- < Cut fabric to required width, unroll along length of barrier and drape over barrier. Secure fabric to mesh with twine, staples, or similar, with trailing edge extending into anchor trench.
- < Backfill trench over filter fabric to anchor.

**LIMITATIONS:**

- < Recommended maximum drainage area of 0.5 acre per 100 feet of fence
- < Recommended maximum upgradient slope length of 150 feet
- < Recommended maximum uphill grade of 2:1 (50%)
- < Recommended maximum flow rate of 0.5 cfs
- < Ponding should not be allowed behind fence

**MAINTENANCE:**

- < Inspect immediately after any rainfall and at least daily during prolonged rainfall.
- < Look for runoff bypassing ends of barriers or undercutting barriers.
- < Repair or replace damaged areas of the barrier and remove accumulated sediment.
- < Reanchor fence as necessary to prevent shortcutting.
- < Remove accumulated sediment when it reaches the height of the fence.



**TARGETED POLLUTANTS**

- 9 Sediment
- 9 Nutrients
- 9 Toxic Materials
- 9 Oil & Grease
- 9 Floatable Materials

9 High Impact
: Medium Impact
9 Low or Unknown Impact

9 Other Waste

**IMPLEMENTATION REQUIREMENTS**

- : Capital Costs
- : O&M Costs
- : Maintenance
- 9 Training

9 High	: Medium	9 Low
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